

IOWA DEPARTMENT OF NATURAL RESOURCES

MICROBIAL - STATUS COMPONENT CRITERIA FOR PRIORITIZING SURFACE WATER SYSTEMS

PWS ID: Name:

Date:

Total Score: 0

<u>TREATMENT PERFORMANCE DATA</u>	<u>POINTS ASSIGNED</u>	<u>SCORE</u>
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Individual Filter Effluent Turbidity

(based on 95% value of maximum
turbidity from any filter each day)

<0.1 NTU		0		
0.1 - 0.15		100		
0.15 - 0.2		200		
0.2 - 0.3		300		
>0.3 NTU		400		

Combined Filter Effluent Turbidity

(use CFE only if IFE is not available)

<0.1 NTU		0		
0.1 - 0.15		100		
0.15 - 0.2		200		
0.2 - 0.3		300		
>0.3 NTU		400		

Settled Water Turbidity

(for Iowa, annual average source water
turbidity > 10 NTU)

< 2 NTU		0		
>3		50		
>5		100		

SYSTEM CHARACTERISTICS

Annual average CT compliance ratio 1-3
Cannot or do not filter to waste
Do recycle backwash water
Overnight shutdown or on/off operation
Use surface water, not IGW

Score

30		
50		
30		
50		
100		

REGULATORY COMPLIANCE

of acute MCL violations
of non-acute MCL violations
of treatment technique violations
of monitoring/reporting violations
of significant deficiencies on last sanitary survey
of days plant effluent dropped < 0.3/1.5 CI-2

x 10		
x 2		
x 5		
x 2		
x 10		
x 10		

OTHER CRITERIA

Significant capital improvements
or modification underway

Significant capital improvements
or modifications in early planning stages

(-) 200		
(+) 100		